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- ☒ Drafts
- ☐ Pending
- ☒ Active
 - L1: (14693) 455/260 455/255 455/256 455/276.1 455/293 455/313 455/327
 - L2: (27) 1 and (frequency near5 exciter)
 - L3: (1) 2 and "delta sigma modulator"
 - L5: (0) 4 and (alter\$3 near5 "frequency characteristics")
 - L4: (1) 3 and (DAC or "D/A" or "digital-to-analog")
 - L6: (1) 4 and clock
 - L7: (0) 6 and "frequency characteristics"
 - L8: (0) 6 and "tunable filter"
- ☐ Failed
- ☒ Saved
 - S1: (1383) "delta sigma modulator" and frequency
 - S2: (952) S1 and (DAC or "D/A" or "digital-to-analog")
 - S3: (13) S2 and "tunable filter"
 - S4: (7) S3 and (AMP or amplifier)
 - S5: (7) S4 and control
 - S6: (10) S2 and "tunable filter"
 - S7: (6) ("5451949") or ("6291924") or ("6462689") or ("6538592") or ("6538592")
 - S8: (2855290) 2002/0110189 A1
 - S9: (0) "2002/0110189 A1"

☒ Plurals

Default operator:
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6 and "tunable filter"

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-2 L1: (14693) 455/260 455/255 455/256 455/276.1 455/293 455/313 455/

—L2: (27) 1 and (frequency near 5 exciter)

—L3: (1) 2 and "delta sigma modulator"

- L5: (0) 4 and (alter\$3 near\$ "frequency characteristics")

Q L4: (1) 3 and (DAC or "D/A" or "digital-to-analog")

— L6: (1) 4 and clock

—L7: (0) 6 and "frequency characteristics"

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---S1: (1383) "delta sigma modulator" and frequency

— S2: (952) S1 and (DAC or "D/A" or "digital-to-analog")

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— S4: (7) S3 and (AMP or amplifier)

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- S8: (2855290) 2002/0110189 A1

-S9: (0) "2002/0110189 A1"

1510- (12) conici in

U.S. Patent
Meyer

(U.S. Patent No.: US 6,317,468 B1)
(Date of Patent: Nov. 13, 2001)

(72) Assignee: Brewster Ellison, Cedar Rapids, IA (US)

OTHER PUBLICATIONS

(*) **Mail:** Subject to my conditions, the term of patent is extended or renewed under U.S.C. 154(d) by 9 days

Plenary Exemption—Oil Plant
Antitrust Exemption—Plumbing Pipe
 (74) *Antitrust Aspects of Price Fixing* O. Brown, Kyle

(2) App# Ks: 66-000,000
(2) Filed Jan. 15, 1971

157) ABSTRACT

(57) D.S. CL. _____ 375-200, 375-201

[illegible]

(c) **Religious Creed**

to a single 12 sample frame, with spreading and shaping granules: noise caused by the mechanism inside of head-sets of the communication equipment. The overall for-

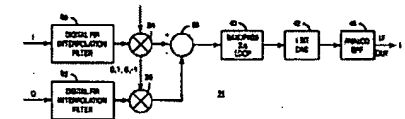
U.S. PATENT DOCUMENTS

Publications - 19796 McIntosh et al. 375
Publications - 19797 Shuster 322

one channel the input is converted to digital by a 12-bit ADC, then to an analog signal and back to analog filtering the resulting signal around the intermediate frequency.

1248

28 Minutes, 6 Sweeping Words



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| U | 1 | Document ID | Issue Date | Pages | Title | Current OR | Current | Ret | Inventor |
|---|--------------------------|-------------------------------------|---------------|----------|-------|----------------------------------|---------|---------|------------------|
| 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6317468 B1 | 20011113 | 11 | IF exciter for radio transmitter | 375/269 | 375/271 | Meyer, Ronald R. |

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☒ Details
☒ HTML

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~~-2~~ L1: (14693) 455/260 455/255 455/256 455/276.1 455/293 455/313 455/

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—L6: (1) 4 and clock

—L7: (0) 6 and "frequency characteristics"

---L8: (0) 6 and "tunable filter"

~~Q~~L9: (9) 1 and (alter\$3 near8 "frequency characteristics")

—L10: (3) 9 and "tunable filter"

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— S1: (1383) "delta sigma modulator" and frequency

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— S3: (13) S2 and "tunable filter"

→ S4: (7) S3 and (AMP or amplifier)

--- S5: (7) S4 and control

— S6: (10) S2 and "tunable filter"

DBs | US-PGPUB; USPAT; EPO

☒ Plurals

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1 and (alter\$3 near8 "frequency characteristics")

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|---|--------------------------|-------------------------------------|---------------|------------|-------|--|------------|---------------------|-----|----------------------|
| 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6963297 B2 | 20051108 | 13 | Delta-sigma digital-to-analog converter assembly | 341/143 | 341/144 | | Robinson; Ian et al. |
| 2 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6842129 B1 | 20050111 | 11 | Delta-sigma analog-to-digital converter | 341/143 | 341/144 | | Robinson; Ian |
| 3 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6809669 B1 | 20041026 | 14 | Selective noise generator | 341/131 | 341/143; 341/144 | | Robinson; Ian |

EAST - [10689296.wsp:1]

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9 and "tunable filter"

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- L1: (14693) 455/260 455/255 455/256 455/276.1 455/293 455/313 455/
- L2: (27) 1 and (frequency near5 exciter)
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- L8: (0) 6 and "tunable filter"
- L9: (9) 1 and (alter\$3 near8 "frequency characteristics")
- L10: (3) 9 and "tunable filter"

Failed

Saved

- S1: (1383) "delta sigma modulator" and frequency
- S2: (952) S1 and (DAC or "D/A" or "digital-to-analog")
- S3: (13) S2 and "tunable filter"
- S4: (7) S3 and (AMP or amplifier)

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| 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6963297 B2 | 20051108 | 13 | Delta-sigma digital-to-analog converter assembly | 341/143 | 341/144 | | Robinson; Ian et al. |
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| 3 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6809669 B1 | 20041026 | 14 | Selective noise generator | 341/131 | 341/143; 341/144 | | Robinson; Ian |

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L1: (14693) 455/260 455/255 455/256 455/276.1 455/293 455/313 455/323 455/334 455/3

L2: (27) 1 and (frequency near5 exciter)

L3: (1) 2 and "delta sigma modulator"

L5: (0) 4 and (alter\$3 near5 "frequency characteristics")

L4: (1) 3 and (DAC or "D/A" or "digital-to-analog")

L6: (1) 4 and clock

L7: (0) 6 and "frequency characteristics"

S1: (1383) "delta sigma modulator" and frequency

S2: (952) S1 and (DAC or "D/A" or "digital-to-analog")

S3: (13) S2 and "tunable filter"

S4: (7) S3 and (AMP or amplifier)

S5: (7) S4 and control

S6: (10) S2 and "tunable filter"

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455/323 455/334 455/341 341/143
341/144 341/111 375/222 370/480

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-L1: (14693) 455/260 455/255 455/256 455/276.1 455/293 455/313 455/323 45

—L2: (27) 1 and (frequency near 5 exciter)

—L3: (1) 2 and "delta sigma modulator"

- L5: (0) 4 and (alter\$3 near5 "frequency characteristics")

— L4: (1) 3 and (DAC or "D/A" or "digital-to-analog")

---L6: (1) 4 and clock

—L7: (0) 6 and "frequency characteristics"

--L8: (0) 6 and "tunable filter"

-L9: (9) 1 and (alter\$3 near8 "frequency characteristics")

—L10: (3) 9 and "tunable filter"

L11: (1807) 455/260 455/255 455/256 455/276.1 455/293 455/313 455/323 45

—L12: (85) 11 and "delta sigma modulator".clm.

—L13: (2) 12 and "frequency characteristics".cln.

—L14: (1) 13 and (alter\$3 near8 "frequency characteristics").cln.

• L15: (0) 14 and "tunable filter".clm.

~~2~~L16: (2) alter\$3 near5 "associated frequency characteristics"

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— S1: (1383) "delta sigma modulator" and frequency

Q. 92. (50) S1 and (D.A.C. or "D/A" or "digital to analog")

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DBs | US-PGPUB; USPAT; EPC ☒ Plurals

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alter\$3 near5 "associated frequency characteristics"

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|---|--------------------------|-------------------------------------|-------------------|------------|-------|---------------------------|------------|---------------------|-----|----------------------|
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | US 20050085194 A1 | 20050421 | 16 | Frequency agile exciter | 455/91 | 455/125 | | Robinson, Ian et al. |
| 2 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6809669 B1 | 20041026 | 14 | Selective noise generator | 341/131 | 341/143; 341/144 | | Robinson, Ian |

⚡ Hits 🔍 Details 📄 HTML